Work Orde							Page 1					
Item ID: Revision ID: Item Name:	D4017-7		A	Accept	*N900040 Cust Item ID: Customer:			100) * s	Setup Star	. 17	S1* S2*
Start Date: Required Date: Reference:	12/24/12 12/24/12	Start Qty: 2.00 Req'd Qty: 2.00	*2* *2*					•				
Approvals:	Process Pl	lan: 从レブ	Date: 12-12-03	Tooling:	Date:				F	Run Star	"NR1"	
	QC:		Date:	SPC (Y/N):	Date:					Stor	` *N	R2*
Sequence ID/ Work Center II	Ď	Operation Description		Set Up/ Run Hours		Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Re	evision Nbr										
D4017	D						,			•		
*100 *100* Large Fab Large Fab			as per dwg D4017 nd remove identify marks	0.00				lO _x		SY 1	3.04	25
110		QC6- Inspect dimension	s to drawing	0.00	.						*	/DAS
110 QC Quality Control		Memo		0.00				((D)	_B-a	1-92	<u>(09</u>)
					s .							
120		Identify as per dwg & St	ock Location: What	0.00						0.1		
120 Packaging		Memo		0.00			ľ	Dx		الكالم	3.04	`25
Packaging			á									

NCR:	Yes	/ No				WORK ORDER NON-C	100	VFORM	ANCE / UPD/	ATE	•	 -		
											QA Closed:	Dat	te:	
						DISPOSITION AGAINST DE						PROCESS		
Work Ord	er:					Rework	1		Skid-tube	Crosstube	7	Water Jet	Engineering	
Part No.					······································	Scrap Use-as-is		l	Machining noforming	Small Fab Finishing	Proc Rec/Stor			
NCR No.						Work Order Update]		~ 	Composite				
Root					Descri	ption of work order update	П	Initial	Actio	n	Sign &			
Cause		Date	Step	Qty		or Non-conformance	Ch	nief Eng	Descrip	otion	Date	Verification	n QC Inspector	
Doc/Data													-	
Equip/Tooling														
Operator														
Material	Ш													
Setup														
Other	$oxed{oxed}$													
Process	L													
Supplier														
Training														
Unapproved			<u> </u>					LT CATE	CORY					
						General	AUI	LICATE	JUNT					
Landi	ing (1				Bend		Grain		Γ	Ovalized		Pressure/Forced	
តូត្	\vdash	Bending	nt Canco	ntric to (\s\ \-	BOM/Route	-	Hardwa	uro.		Over/Under	tolerance	Temperature/Cure	
	-	Centre No Cracks	ot Concei	ntric to t	" -	Broken/Damaged	-	4	ion Incomplete	-	Part Incorre		Weld	
,		ł	Caimanad		-	Burrs	\vdash	⊣ '	tions Incomplete/Un	nclear	Part Lost/M		Wrong Stock Pulled	
	\vdash	Crushed/Crimped.				Contamination		Mainte	•	leica,	Part Moved	.5511.18		
	\vdash	Cuffs Heat Trea	.+		<u> </u>	Countersink	\vdash	Mislabe		<u> </u>	Positioned \	Vrong		
	-	Inspectio		Tubo	-	Cut Too Short		Misread	•	<u> </u>	Power Loss/	Other		
	-	1		iube	-	Drill Holes	\vdash	Offset	•	<u> </u>	الد. ما	0-		
						Drawing	Out of Calibration							

Out of Sequence

Outside Dimensions

DQA:

Date:

Turning Sequence

Wave/Twist in Tube

Finish

Folio

Work Order ID 94149 November-30-12 9:30:14 AM				*94					Pag	e 2			
Item ID: Revision ID:	D4017-7			Accept	*N900)*	Setup	Start Stop	i A	S1*			
Item Name: Start Date: Required Date: Reference:	Rib 12/24/12 12/24/12	Start Qty: 2.00 Req'd Qty: 2.00	*2* *2*		Cust Item 1 Customer:	D:	:				^IN	S2*	
Approvals:	Process Plan: QC:		Date:	Tooling: SPC (Y/N):	Date:				Run	Start Stop	1/1	*NR1* *NR2*	
Sequence ID/ Work Center II 130 *130* QC Quality Control)	Operation Description QC21- Final Inspection Memo	- Work Order Release	Set Up/ Run Hours 0.00	Tool ID	Tool#	Plan Code	Accep Qty	t Re Qt	•	Reject Number	Insp. Stamp	

MB-OH25

NCR: Y	es / No				WORK ORDER NON-C	ORK ORDER NON-CONFORMANCE / UPDATE QA Closed: Date:								
Work Orde	r:				DISPOSITION		AGAINST DEPARTMENT/PROCESS							
Part N					Rework Scrap Use-as-is		Skid-tube Crosstube Machining Small Fab Thermoforming Finishing				Water Jet d. Eng. Coor. re/Packaging	Engineering Quality Other		
NCR N	0				Work Order Update]	Large Fab Compos				Supplier			
Root				Descri	ption of work order update	ln	itial	Ac	tion	Sign &				
Cause	Date	Step	Qty	(or Non-conformance	Chie	ef Eng	Desc	ription	Date	Verification	QC Inspector		
Doc/Data]												
Equip/Tooling		·												
Operator			1											
Material										}				
Setup														
Other														
Process														
Supplier														
Training														
Unapproved		l												
_					F	AULT	CATE	GORY						
Landin	g Gear				General					-	_	-		
· [Bending				Bend		Grain			Ovalized	_	Pressure/Forced		
. [Centre N	ot Conce	ntric to (o/s	BOM/Route	l+	Hardwa	re		Over/Under	tolerance	Temperature/Cure		
•	Cracks				Broken/Damaged		nspecti	ion Incomplete		Part Incorre	ct	Weld		
. [Crushed/Crimped				Burrs		nstruct	ions Incomplete/	/Unclear	Part Lost/M	issing	Wrong Stock Pulled		
Ī	Cuffs Contamination					Mainte	enance		Part Moved					
. [Heat Trea	at			Countersink	r	Mislabe	eled		Positioned \	Wrong	_		
1	Inspectio	n Strip in	Tube		Cut Too Short	'	Misread	t		Power Loss,	'Surge	Other		
Ì	Ripples in	n Bend			Drill Holes		Offset							
· .	Torque W	Vaves in I	Extrusion	1	Drawing		Out of (Calibration						
Ţ	Turning S				Finish	\Box	Out of S	Sequence						
Ī	Wave/Tw	vist in Tul	be		Folio		Outside							

Date:

DQA:

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

November-30-12 9:30:14 AM

Work Order ID:

94149

Parent Item:

D4017-7

Parent Item Name:

Rib

Start Date: 12/24/12

Required Date: 12/24/12

Start Qty: 2.00

Required Qty: 2.00

Comments:

IPP RevA: new issue DD 09.11.26 verified by:EC

IPP Rev:B as per dwg RevA DD

IPP Rev:C as per dwg RevB DD 10.04.16 verified by:EC

Rev:D as per dwg revC DD 10.08.18 verified by:EC

IPP Rev:E 11.01.18 chg qc5 to 6 DD

verf:EC

10.03.06 verified by:EC

					•								
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304TS0.750W.049		Purchased	No	· · · · · · · · · · · · · · · · · · ·		100	f	885.4588	0.0675	0.1421053			
304 SQ Tube .75x.75x.049	W								Mio	14492 =	3 '4 C		
				Location		Loc Qty	<u>Lo</u>	c Code				111 -	
				MAT017		1.0078107		•			4	12) /a	3.04.25
		•		121	1898	1.0078107						•	•
				WA006		884.451003							
				122	2201	0.1626						Ŀ	
				122	2425	11.3045489			<u> </u>				
				122	2666	0.7293							
				122	2710	2.2431							
				123	3219	316.787768							
				123	3484	553.223686							

NCR: Y	NCR: Yes / No WORK ORDER NON-CONFORMANCE / UPDATE													
	,									QA Closed:	Date	e:		
Mark Orda					DISPOSITION		AGAINST DEPARTMENT/PROCESS							
Work Order:					Rework		S	skid-tube	Crosstube]	Water Jet	Engineering		
Part N	lo				Scrap			lachining	Small Fab	Pro	d. Eng. Coor.	Quality		
rareit					Use-as-is	The		oforming	Finishing	Rec/Stor	e/Packaging	Other		
NCR No.					Work Order Update			arge Fab	Composite		Supplier			
Root				Descri	ption of work order update	Initia	- 1		tion	Sign &	_			
Cause	Date	Step	Qty		or Non-conformance	Chief E	ng	Desc	ription	Date	Verification	QC Inspector		
Doc/Data														
Equip/Tooling							-							
Operator														
Material														
Setup														
Other														
Process			ļ ·											
Supplier														
Training														
Unapproved		İ												
					F.	AULT CA	TEG	ORY						
Landi	ng Gear				General			·	_	.	ſ			
	Bending				Bend	Grai	in		<u> </u>	Ovalized		Pressure/Forced		
	Centre N	ot Conce	ntric to	o/s	BOM/Route	Hard	dwar	e		Over/Under	ì	Temperature/Cure		
	Cracks				Broken/Damaged	Insp	ectic	on Incomplete		Part Incorre	}	Weld		
. [Crushed/	Crimped			Burrs	Instr	ructio	ons Incomplete/	/Unclear	Part Lost/M		Wrong Stock Pulled		
	Cuffs Contamination				Mai	inter	nance		Part Moved		•			
					Countersink	Misl	label	ed		Positioned \	Nrong '			
	Inspectio	n Strip in	Tube		Cut Too Short	Misr	read			Power Loss,	'Surge	Other		
	Ripples in	n Bend			Drill Holes	Offs	et							
	Torque V	Vaves in I	Extrusio	n	Drawing	Out	of C	alibration						
	Turning S	Sequence	<u>:</u>		Finish	Out of Sequence								
	Wave/Tv	vist in Tu	be		Folio	Outside Dimensions								

Date:

DQA:

Wave/Twist in Tube

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